

SECTION 01785

AS BUILT FIELD DATA

PART 1 – GENERAL

1.1 SECTION INCLUDES

This section sets out the requirements for preparation of the as-built field data at completion of the work.

1.2 AS-BUILT DRAWINGS

A. The Contractor shall keep at the construction site two complete sets of full sized prints of the contract drawings. During construction, these prints shall be reproduced to show all deviations in actual construction from the contract drawings. The color red shall be used to indicate all additions and green to indicate all deletions. The drawings shall show the following information but not be limited thereto:

1. The locations and description of any utility lines and other installations of any kind or description known to exist within the construction area. The location includes dimensions to permanent features.
2. The locations and dimensions of any changes within the building or structure, and the accurate location and dimension of all underground utilities and facilities.
3. Changes in details of design or additional information obtained from working drawings specified to be prepared and/or furnished by the contractor including, but not limited to, fabrication erection, installation, and placing details, pipe sizes, insulation material, dimensions of equipment foundations, etc.
4. All changes or modifications from the original design and from the final inspection.
5. Where contract drawings or specification allow options, only the option actually used in the construction shall be shown on the as-built drawings. The option not used shall be deleted.

1.3 UPDATING FIELD DATA

These deviations shall be shown in the same general detail utilized in the contract drawings. Marking of the prints shall be pursued continuously during construction to keep them up to date. In addition, the Contractor shall maintain full size marked-up drawings, survey notes, sketches, nameplate data, pricing information, description, and serial numbers of all installed equipment. This information shall be maintained in a current condition at all times until the completion of the work. The resulting field-marked prints and data shall be referred to and marked as "As-Built Field Data," and shall be used for no other purpose. They shall be made available for inspection by the COTR whenever requested during construction and shall be jointly inspected for accuracy

and completeness by the RE and responsible representative of the Contractor prior to submission of each monthly pay estimate. Failure to keep the As-Built Field Data (including Equipment-in-Place list) current shall be sufficient justification to withhold a retained percentage from the monthly pay estimate.

1.4 SUBMITTAL OF THE AS-BUILT FIELD DATA

Three sets of color marked As-Built Field Data shall be submitted to the COTR for review and approval a minimum of 20 calendar days prior to the date of final inspection. If review of the preliminary as-built field drawings reveals errors and/or omissions, the drawings will be returned to the Contractor for corrections. The Contractor shall make all corrections and include any deviations in actual construction which may have occurred since submission of preliminary as-built field drawings and return the drawings to the COTR within 10 calendar days of receipt.

PART 2 – PRODUCTS

NOT USED

PART 3 – EXECUTION

NOT USED

PART 4 – QUALITY ASSURANCE

NOT USED

***** END OF SECTION *****